

**Amendments to the Sequence Listing:**

Please substitute the attached 7 page Sequence Listing for the previously submitted sequence listing.

The Sequence Listing has been provided to bring the application into accordance with U.S. Patent and Trademark Office rules.



SEQUENCE LISTING

<110> Hong, Yan

<120> Detection of Transgenes of Genetically Modified Organisms Using  
Pyro Luminescence

<130> 2577-158

<140> 10/552,660

<141> 2005-10-11

<150> 60/462,308

<151> 2003-04-14

<150> PCT/SG04/000093

<151> 2004-04-14

<160> 29

<170> PatentIn version 3.3

<210> 1

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide primer with homology to transgenic corn

<400> 1  
agtatccttc gcaagaccct tcctc 25

<210> 2

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide primer with homology to transgenic corn

<400> 2  
gcattcagag aaacgtggca gtaac 25

<210> 3

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide primer with homology to transgenic plants

<400> 3  
attgatgtga tatctccact gacgt 25

<210> 4  
 <211> 25  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <223> oligonucleotide primer with homology to transgenic plants  
  
 <400> 4  
 cctctccaaa tgaaatgaac ttcct 25  
  
 <210> 5  
 <211> 21  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <223> oligonucleotide primer with homology to transgenic plants  
  
 <400> 5  
 ccacgtcttc aaagcaagtg g 21  
  
 <210> 6  
 <211> 25  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <223> oligonucleotide primer with homology to transgenic plants  
  
 <400> 6  
 tcctctccaa atgaaatgaa ctcc 25  
  
 <210> 7  
 <211> 25  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <223> oligonucleotide primer with homology to transgenic plants  
  
 <400> 7  
 attgatgtga tatctccact gacgt 25  
  
 <210> 8  
 <211> 20  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <223> oligonucleotide primer with homology to transgenic plants

<400> 8  
 ttatcctagt ttgcgcgcta 20

<210> 9  
 <211> 25  
 <212> DNA  
 <213> Artificial sequence

<220>  
 <223> oligonucleotide primer with homology to transgenic plants

<400> 9  
 tatctccact gacgtaaggg atgac 25

<210> 10  
 <211> 25  
 <212> DNA  
 <213> Artificial sequence

<220>  
 <223> oligonucleotide primer with homology to transgenic plants

<400> 10  
 tgccctataa caccaacatg tgctt 25

<210> 11  
 <211> 25  
 <212> DNA  
 <213> Artificial sequence

<220>  
 <223> oligonucleotide primer with homology to transgenic plants

<400> 11  
 cggatgggtcc ttatgcaatt ttgtc 25

<210> 12  
 <211> 22  
 <212> DNA  
 <213> Artificial sequence

<220>  
 <223> oligonucleotide primer with homology to transgenic plants

<400> 12  
 ctctcggcgt agatttggtgta ca 22

<210> 13  
 <211> 25  
 <212> DNA  
 <213> Artificial sequence

<220>  
 <223> oligonucleotide primer with homology to transgenic plants  
 <400> 13  
 agattcttca ctccgatgca gccta 25

<210> 14  
 <211> 22  
 <212> DNA  
 <213> Artificial sequence

<220>  
 <223> oligonucleotide primer with homology to transgenic plants  
 <400> 14  
 tggacaacaa cccaaacatc aa 22

<210> 15  
 <211> 26  
 <212> DNA  
 <213> Artificial sequence

<220>  
 <223> oligonucleotide primer with homology to transgenic plants  
 <400> 15  
 tggattttgg ttttaggaat tagaaa 26

<210> 16  
 <211> 22  
 <212> DNA  
 <213> Artificial sequence

<220>  
 <223> oligonucleotide primer with homology to transgenic plants  
 <400> 16  
 ggacaacaac cacaacatca ac 22

<210> 17  
 <211> 19  
 <212> DNA  
 <213> Artificial sequence

<220>  
 <223> oligonucleotide primer with homology to transgenic plants  
 <400> 17  
 cgatgggggt gtaaccggt 19

<210> 18  
 <211> 19

<212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <223> oligonucleotide primer with homology to transgenic plants  
  
 <400> 18  
 gcacgaactc gctaagcag 19  
  
  
 <210> 19  
 <211> 18  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <223> oligonucleotide primer with homology to transgenic plants  
  
 <400> 19  
 cggccccgag ttcacctt 18  
  
  
 <210> 20  
 <211> 23  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <223> oligonucleotide primer with homology to transgenic plants  
  
 <400> 20  
 ctgctgggga tgatgttggt cmg 23  
  
  
 <210> 21  
 <211> 25  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <223> oligonucleotide primer with homology to transgenic plants  
  
 <400> 21  
 cactacaaat gccatcattg cgata 25  
  
  
 <210> 22  
 <211> 25  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <223> oligonucleotide primer with homology to transgenic plants  
  
 <400> 22  
 agatcatcaa tccactcttg tgggtg 25

<210> 23  
 <211> 18  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <223> oligonucleotide primer with homology to transgenic plants  
  
 <400> 23  
 gatagcgctc ccgcagac 18

<210> 24  
 <211> 19  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <223> oligonucleotide primer with homology to transgenic plants  
  
 <400> 24  
 gcactgaatt tgtgaaccc 19

<210> 25  
 <211> 21  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <223> oligonucleotide primer with homology to transgenic plants  
  
 <400> 25  
 ctatatatttg ttttctatcg c 21

<210> 26  
 <211> 23  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <223> oligonucleotide primer with homology to transgenic plants  
  
 <400> 26  
 catcgtaac cactacatcg aga 23

<210> 27  
 <211> 18  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <223> oligonucleotide primer with homology to transgenic plants

<400> 27  
gatagcgctc ccgcagac

18

<210> 28  
<211> 20  
<212> DNA  
<213> Artificial sequence

<220>  
<223> oligonucleotide primer with homology to transgenic plants

<400> 28  
actgggctcc acgctctaca

20

<210> 29  
<211> 21  
<212> DNA  
<213> Artificial sequence

<220>  
<223> oligonucleotide primer with homology to transgenic plants

<400> 29  
aaaccacgt catgccagtt c

21